

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

Claims 1-13 (canceled).

Claim 14 (withdrawn): A vaccine or pharmaceutical composition suitable for application to the muzzle of an animal, containing a biologically-active material which stimulates an immune response, affects an endocrine function or provides a therapeutic function after distribution to the oral and nasal mucosa of the animal by the licking action of the animal's tongue in cleaning its muzzle.

Claim 15 (withdrawn): The composition of claim 14 wherein a palatability enhancer is added to the composition.

Claims 16-22 (canceled).

Claim 23 (currently amended): The method of claim 27-17 wherein said veterinary prophylactic agent comprises at least one preservative ingredient selected from the group consisting of antibiotics, antibacterials, and antifungal agents.

Claims 24-26 (canceled).

Claim 27 (currently amended): A method for treating a livestock animal to achieve a positive effect on the health of said livestock an-animal comprising:

applying an effective dose of a prophylactic composition directly to ~~a~~the muzzle of said livestock animal,

wherein said livestock animal distributes said effective dose into its oral and/or nasal cavities to contact the nasal and/or oral mucosa when said livestock animal cleans said muzzle with its tongue,

wherein said prophylactic composition includes at least one prophylactic agent and a post-application identifier.

Claim 28 (currently amended): The method of claim 27, wherein said effective dose is applied with a brush, roller or as a liquid spray.

Claim 29 (previously presented): The method of claim 27, wherein said prophylactic composition is selected from the group consisting of pastes, salves, and films.

Claim 30 (previously presented): The method of claim 27 wherein said effective dose is applied via a carrier web.

Claim 31 (previously presented): The method of claim 27 wherein said prophylactic agent is a vaccine.

Claim 32 (previously presented): The method of claim 27 wherein said prophylactic agent is a pharmaceutical.

Claim 33 (previously presented): The method of claim 27 wherein said prophylactic composition further comprises at least one performance enhancing component selected

from the group consisting of viscosity enhancers, aroma enhancers, sustained release agents, and adhesive enhancers.

Claim 34 (previously presented): The method of claim 27, wherein said post-application identifier is a UV or other non-visible dye.

Claim 35 (previously presented): The method of claim 27, wherein said post-application identifier is a light visible dye.